

In the Claims:

Please amend the claims as follows:

1. (Currently Amended) A socket comprising:
a socket grid to receive ~~one or more~~ pins from a component;
a frame coupled to the socket grid to provide structural support; and
a cable receptacle integrated into the socket to receive a cable.
2. (Currently Amended) The socket of claim 1 wherein ~~one or more~~ signals are routed through the socket.
3. (Original) The socket of claim 2 wherein the routed signals are routed to a motherboard.
4. (Currently Amended) The socket of claim 1 wherein the ~~one or more~~ signals are selected from a group comprising I/O ~~IO~~ signals, power signals, ground signals, and combinations thereof.
5. (Original) The socket of claim 4 wherein the power signals are provided through a power plane embedded in the socket.
6. (Original) The socket of claim 4 wherein the ground signals are provided through a power plane embedded in the socket.
7. (Original) The socket of claim 1 further including an actuator lever pivotally coupled to the frame to hold the component in place.
8. (Currently Amended) The socket of claim 1 wherein the component is an integrated circuit chip (IC).
9. (Original) The socket of claim 8 wherein the IC is one of a CPU and a chipset.

10. (Currently Amended) The socket of claim 1 wherein the cable receptacle includes ~~one or more~~ contact prongs.
11. (Original) The socket of claim 10 wherein at least one of the contact prongs is spring loaded to assist in engaging the cable.
12. (Original) The socket of claim 10 wherein at least one of the contact prongs is self-piercing to establish electrical contact with the cable.
13. (Original) The socket of claim 1 wherein the frame and the socket grid are manufactured as a single piece.
14. (Currently Amended) A computer system comprising:
a central processing unit (CPU);
a memory display device coupled to the CPU to store data for operation by the CPU
~~to display an image;~~
an integrated socket to receive the CPU ~~a component;~~
a socket grid to receive ~~one or more~~ pins from the CPU ~~component;~~
a frame coupled to the socket grid to provide structural support; and
a cable receptacle integrated into the socket to receive a cable.
15. (Currently Amended) The computer system of claim 14 further including a memory control hub coupled between the memory and the CPU ~~coupled to the display device~~
~~to store the image.~~
- 16 - 27. (Canceled)
28. (Currently Amended) A method of mounting a component comprising:

~~placing the component in a socket, the socket having a providing an integrated socket;~~
~~providing a socket grid to receive one or more pins from the a component; providing a frame~~
~~coupled to the socket grid to provide structural support; and~~

~~connecting a cable to providing a cable receptacle integrated into the socket, the cable~~
~~receptacle routing signals between the cable and the pins to receive a cable.~~

29. (Original) The method of claim 28 further including routing one or more signals through the socket.

30. (Original) The method of claim 28 wherein the one or more signals are selected from a group comprising IO signals, power signals, ground signals, and combinations thereof.

31. (New) The socket of claim 2 wherein the routed signals are routed between the pins and the cable receptacle.

32. (New) The socket of claim 1 wherein the cable receptacle comprises guides to guide a cable into the cable receptacle.

33. (New) The socket of claim 1 wherein the cable receptacle comprises a latch to secure a cable in the cable receptacle.

34. (New) The socket of claim 1 wherein the cable receptacle comprises a cable connector.

35. (New) The computer system of claim 14 wherein signals are routed between the pins and the cable receptacle.

36. (New) The computer system of claim 35 wherein the signals comprise at least one of I/O signals, power signals and ground signals.

37. (New) A computer system comprising:

a motherboard;
a central processing unit (CPU);
a CPU socket to receive the CPU, the CPU socket having a cable connector;
a memory control hub (MCH);
an MCH socket to receive the MCH, the MCH socket having a cable connector;
a cable to interconnect the CPU socket cable connector and the MCH socket cable connector.

38. (New) The computer system of claim 37 wherein the cable carries signals comprising at least one of I/O signals, power signals and ground signals between the CPU and the MCH.

39. (New) The computer system of claim 37 wherein the cable comprise a computer flex cable.

40. (New) The computer system of claim 37 wherein the CPU socket cable connector comprises a latch to secure the cable.

41. (New) The method of claim 28 wherein connecting the cable comprises inserting a cable along guides of the cable receptacle and closing a latch to secure the cable.

42. (New) The method of claim 28 further comprising:
placing a second component in a second socket, the second socket having a grid to receive pins from the second component; and
connecting the cable to a second cable receptacle integrated into the second socket, the cable receptacle routing signals between the cable and the pins of the second socket.

Response

In the amendments above, Claims 16-27 are canceled, without prejudice and claims 31-42 are new. Claims 1-15 and 28-30 remain in the application. The specification is amended to correct obvious grammatical and usage errors.

In response to the restriction requirement of March 9, 2004, Applicants provisionally elect claims directed to Species 1, identified with Figure 3 without traverse. Applicants further submit that Figures 4, 6, 7, 8, and 9 show details of or particular species of the genus of Figure 3. Figure 5 shows an application of the device of Figure 3, and Figure 2 shows an application of the device of Figure 5.

Applicants respectfully submit that all of the claims, as amended, read on Figure 3. Claims 2-13, and 31-34 are dependent on claim 1 and therefore are directed to the same invention. Claims 14, 15, 35, and 36, and claims 37-40 are directed to a computer system that employs a device, such as that of claim 1, and claims 37-40 are directed to a method of using a device, such as that of claim 1.

Accordingly, Applicants respectfully request that the application as amended be examined as a single application.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

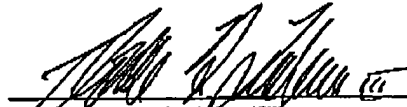
Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 4/9/4


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